

"Amateur Radio: Combining communication experience with modern digital techniques."

SARL HF Phone Contest 1 August
SARL YL Sprint 9 August
RTA Port Elizabeth 21 August
International Lighthouse and Lightship weekend
21 & 22 August



July 2010

Radio Technology in Action

Thank you to the 50 odd radio amateurs and students who attending the RTA in Cape Town. It was great meeting everybody and I am sure everybody enjoyed the day. It was interesting listening to the excuses on the 750 repeater on Friday afternoon. There were some good excuses offered.

Rassie, ZS1YT, and I paid a visit to the Hermanus Magnetic Observatory on Friday and many thanks to Dr Ben Opperman of HMO for the guided tour. It was very interesting and these HMO has a fantastic outreach programme.

The next RTA is on Saturday 21 August in the friendly city - Port Elizabeth! Looking forward to meet all the radio amateurs of the Eastern Cape!

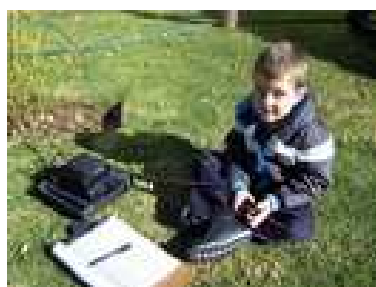
The SARL Youth Day Sprint

The contest committee has released the results of the 2010 SARL Youth Day Sprint held on 16 June 2010.

1st Rudi Sygo, ZS6RDI, 14 years, wins an ARRL Handbook

2nd Mitchel Mynhardt, ZS6YH, 12 years, wins a 40 m direct conversion receiver kit

3rd Simoné de Siolva, (radio amateur to be), 18 years, wins Internet Security Software and a book - Prevent Unwanted Intrusion.



The youngest operator on the day was the 4-year-old Eduan Leighton operating ZS6LRK with his grand-father Eddie, ZS6BNE. The oldest operator was the 90 years young Leslie Clark, ZS6NV.

The SARL thanks all participants and especially the members who submitted logs.

I am waiting for the contest committee to provide me with the full results, then it will be published in HF Happenings.

Time in logs

What time standard do you use in your logbook? Are you using Central African Time (CAT) or Universal Time, Coordinated (UTC)? The majority of radio amateurs worldwide make use of UTC or Zulu time, also known as Greenwich Mean Time. Remember CAT is 2 hours ahead of UTC.

Do you use the 12-hour clock or the 24-hour clock? I would encour-

HF Happenings 416



July

2 - 12 ZS10WCS operated by East Rand ARC

1 closing date Youth Day logs
3 Durban July; Wimbledon Ladies Final
4 Wimbledon Men's Final
6 closing date Top Band logs
10 - 11 IARU HF Championships
12 closing date Digital contest logs; closing of World Cup Soccer
13 Schools open
17 CQ WW VHF contest
18 Mandela Day; Delville Wood Sunday; CQ WW VHF contest
24 RTA, Cape Town; RSGB IOTA Contest
25 RSGB IOTA Contest; Boland 40 m Sprint
28 SARL Club Phone Contest

August

1 SARL HF Phone Contest
4 closing date SARL Club logs
9 National Women's Day, SARL YL Sprint; closing date Boland logs
12 First day of Ramadan; International Youth Day
16 closing date HF Phone logs
21 RTA Port Elizabeth
21/22 International Lighthouse and Lightship activity
24 closing date YL Sprint logs
29 SARL HF CW Contest
31 African Traditional Medicine Day

age you to use the 24-hour clock, and then you do not need to worry about am or pm.

So make sure your logbook is kept up to date with UTC and the 24-hour clock!

Win 1 000 full-colour photo QSL cards

AmateurRadio.com is offering a free prize drawing. With the help of our generous sponsor, KB3IFH QSL Cards, we are holding a drawing for 1 000 free full-colour photo QSL cards (US\$ 100 value).

All licensed radio amateurs worldwide are eligible to enter. Entries will be accepted until 13:00 UTC on 9 August 2010.

Do not miss out! Enter now to win, visit

<http://www.amateurradio.com/win-1000-full-color-photo-qsl-cards/>

Spanish Fishery on Amateur Bands

Wolf, DK2OM, the Region 1 IARU Monitoring Service coordinator reports that Spanish fishermen are daily abusing 3 500, 3 510, 3 550, 3 590, 7 000, 14 000, 21 000, 21 222, 21 395 kHz on USB and at various times. They often work with the voice scrambler "CRY 2001." They only use private names, no ship names or other identification. Talking to them is wasted time; they are reacting very bold and obscene. Please use these frequencies for legal Amateur traffic!

Amateurs are reminded not to engage in communication with unlicensed stations because this would be in breach of your own licence conditions.

40 m portable antenna shootout

Australia's Northern Rivers WICEN in conjunction with the Summerland Amateur Radio Club is holding a 40 m portable antenna shootout at the SARC clubrooms on Sunday 19 September 2010.

The idea behind the event is to encourage interest in HF portable and mobile operation. There will not be any overall winner as ease of use, robustness, portability Vs mobility, transportability and costs are all factors for the individual to consider. The results will not be precise signal strength measurements but will reflect the practical usability of the antenna. Participants

will receive a certificate.

There ARE rules;

Trees and mobile whips on cars are OK, but do not think you are going to lash up to the club's antenna mast.

10 Watts max and a predetermined frequency of 7075 +/- to give experimenters a goal to kick towards for any pre-cutting and beam spacing.

"It's my rule never to lose my temper till it would be detrimental to keep it." Sean O'Casey





Well done to the SARC and NR WICEN and if you hear Chris, VK2ACD, or Duncan, VK2DLR, on air after the event, ask them how the event went.

There will also be the pre-requisite sausage sizzle (read wors braai) to pass time during the adjudication process.

This is a great club project!

Pirate

Bat-Erdene, JT1CS, secretary of the Mongolian Radio Sport Federation, writes that JT1NOC does not have a valid license. He did not renew his old license so his current operation is assumed to be illegal.

African DX

Marion Island, ZS8. Pierre, ZS8M, continues to be active, mostly on 20 metres (14 240 - 14 245 kHz) SSB with some 40 metres (7 140 kHz) SSB. Times vary - 20 m between 12:30 - 15:30 UTC and 40 m between 04:30 - 06:30 UTC. The online log is now available at <http://dx.qsl.net/logs>. QSL address is ZS8M, PO Box 151, Worcester, 6850, South Africa. The previous box number is still current; all new posts will be redirected to Box 151). The QSL Manager is Dirk Lotz, ZS1X, e-mail address is zs1x@iburst.co.za. It is recommended to read details about QSLing on QRZ.com. The ZS8M QSL cards are now being processed.

Madagascar, 5R. Franck, F4DBJ, will operate again as 5R8HT from Madagascar from 5 September to 28 November. He will be active on 80, 40, 20, 15 and 10 metres. QSL via F4DBJ.

Togo, 5V. 5V7TT is the call sign issued to the Italian team for their 10 - 23 October DXpedition to Togo. They plan to operate CW, SSB and RTTY on 160 - 10 metres with three stations. Further information and a band/mode survey can be found at www.i2ysb.com. QSL direct to I2YSB. The dedicated forum where to contact the pilot (IK7JWY) is now up and running at www.hamradioweb.org/forums

Kenya, 5Z. Giovanni, IZ2DPX, will be active as 5Z4/IZ2DPX from Malindi, Kenya on 4 - 17 August. He will operate on 40, 20, 18, 15, 12 and 10 metres. QSL via home call (bureau) or IK2DUW (direct).

Special Event Stations

Austria. The Scout club station OE1XJA/3 of the TELESOUT club will be activated on all modes on all bands (excluding 160 m) to celebrate 100 years of Scouts in Austria. The station will operate from the Scout camp in Laxenburg near Vienna from 1 to 12 August. QSLs via the OE bureau. More information at <http://www.telescout.org> and <http://www.qrz.com/db/oe1xja>

Canada. Members of the Georgian Bay Amateur Radio Club (GBARC) will be active on CW and SSB on 80, 40 and 20 m signing VA3FPI from Flower Pot Island (ON005, Light House CAN-181, WLH 0763) between 31 Jul and 2 Aug.

Moldavia. The special event station ER240C is active until 31 Jul to remember the 240th anni-

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versary of the battle of Kagul. A special award is available as well. For further information about this award, send an e-mail to er5aa@mail.ru. QSL via ER5AA, direct or via bureau.

Uruguay. Uruguayan radio amateurs are celebrating their participation in the semi-finals of the FIFA World Cup with the special call sign CV5UC until 5 Aug. QSL via CX5UR.

Contest Calendar

This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 26 July to 3 August 2010.

NCCC Sprint Ladder

02:30 - 03:00 UTC 30 July

Mode: CW

Bands: 160, 80, 40 and 20 m

Classes: Single Op

Max power: 100 watts

Exchange: (see rules)

Work stations: Once per band

QSO Points: NA station: 1 point per QSO;
non-NA station: 1 point per QSO with an NA station

Multipliers: Each US state (including KL7 and KH6) once per band; Each VE province once per band; Each North American country (except W/VE) once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 1 August 2010

E-mail logs to: (none)

Post log summary at:

<http://www.hornucopia.com/3830score/>

Mail logs to: (none)

Find rules at:

<http://www.ncccsprint.com/rules.html>

RSGB RoPoCo 2

07:00 - 08:30 UTC 1 August

Mode: CW

Bands: 80 m Only

Classes: (none)

Exchange: RST and previous postcode received

QSO Points: 10 points per QSO with UK station

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 17 August 2010

Upload log at:

<http://www.rsgbcc.org/cgi-bin/hfenter.pl>

Mail logs to: RSGB G3UFY, 77 Bensham Manor Road, Thornton Heath, Surrey CR7 7AF, England

Find rules at:

<http://www.rsgbcc.org/hf/rules/2010/rropo.co.shtml>

SARL HF Phone Contest

13:00 UTC-16:30 UTC 1 August

Mode: SSB

Bands: 80, 40 and 20 m

Classes: Single Op All Band; Single Op Single Band; Multi-Op All Band; Multi-Op Single Band; SWL

Exchange: RS and serial no

Score Calculation: (see rules)

Submit logs by: 16 August 2010

E-mail logs to:

[zs4bfn\[at\]netactive\[dot\]co\[dot\]za](mailto:zs4bfn[at]netactive[dot]co[dot]za)

Mail logs to: Bloemfontein Radio Amateur Club, Box 12104, Brandhof, 9324, South Africa

Find rules at:

<http://www.sarl.org.za/public/contests/SARL%202010%20Contest%20Manual.pdf>

ARS Spartan Sprint

01:00 - 03:00 UTC 3 August

Mode: CW

Bands: 80, 40, 20, 15 and 10 m

Classes: Skinny; Tubby

Max power: 5 watts

Exchange: RST, state, province or country and power

Work stations: Once per band

Submit logs by: 5 August 2010

E-mail logs to:

[spartansprint\[at\]yahoo\[dot\]com](mailto:spartansprint[at]yahoo[dot]com)

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Mail logs to: (none)
Find rules at:
<http://adventure-ra->

dio.org/wiki/index.php?title=Spartan_Sprint_Rules

Next Week's Contests

SARL YL Sprint, 09:00 to 10:00 UTC 9 August

This week in History

A look back at events that made history this week - compiled by the Summerland Amateur Radio Club of Lismore, NSW. The week starting Monday 26 July 2010

- 1586 - First potatoes arrive in England from Columbia
- 1866 - After a dozen years, Cyrus Field successfully completed the trans-Atlantic cable
- 1872 - Dr M Loomis granted patent for wireless experiments
- 1876 - Alexander Bell telephones over 8 miles, later 143 miles
- 1909 - Orville Wright tests first US Army airplane, 1 hour 12 minutes of flight.

SARL HF Phone Contests

The aim of the SARL HF Phone Contest is for participants to contact as many amateurs in Southern Africa as possible on the 20, 40 and 80 m bands. The HF Phone contest takes place on Sunday 1 August 2010 from 13:00 to 16:30 UTC. The following frequencies may be utilised - 14,125 to 14,350 MHz; 7,060 to 7,100 and 7.130 to 7.200 MHz; 3,603 to 3,650 and 3.700 to 3.800 MHz

There are four categories of participation - a) Single Operator Single Band; b) Single Operator All Band; c) Multi Operator Single Band or d) Multi Operator All Band. The exchange is a RS report and a consecutive serial number starting at 001. A multi-operator station transmitting on several bands simultaneously may at their discretion use separate number sequences for each band.

Each contact counts 1 point, each call area worked on each band counts 2 points and each station contacted on all three bands counts 2 points. The call areas are as follows - Area 1: ZS1 Western Cape; Area 2: ZS2 Eastern Cape; Area 3: ZS3 Northern Cape; Area 4: ZS4 Free State; Area 5: ZS5 KwaZulu-Natal; Area 6: ZS6 Gauteng, Mpumalanga; Limpopo and North West; Area 7: 3B8 Mauritius, 3DA Swaziland, 7P Lesotho, 7Q Malawi, C9 Mozambique, Z2 Zimbabwe, 5R Madagascar, FR Reunion Island and FH Mayotte; and Area 8: 9J Zambia, A2 Botswana, D2 Angola, V5 Namibia, ZD9 Gough and Tristan da Cunha Islands, ZS7 Antarctica and ZS8 Marion Island. Contacts with stations outside these areas are allowed, QSO points may be claimed but no zone or three-bander points may be claimed.

There are trophies and certificates awarded for the highest overall score as well as the highest score on a single band. Logs must be submitted within 15 days to the Bloemfontein Radio Amateur Club, Box 12104, Brandhof, 9324 or sent by e-mail to zs4bfn@netactive.co.za. The closing date for the log submissions is 16 August 2010.

SARL YL Sprint

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The SARL YL Sprint is a fun activity to celebrate Women's Day between radio amateurs in Southern African countries. Call "YL Sprint!" The Sprint will be run on Monday 9 August from 09:00 to 10:00 UTC. It is a phone sprint on the 40-metre band using 7.053 to 7.100 and 7.130 to 7.200 MHz.

The exchange is a RS report and YL or OM. Contacts between YL stations are worth 5 points; contacts between YL and OM stations are worth 3 points and contacts between OM stations are worth 1 point.

Log sheets shall be submitted within 15 days after the contest by e-mail to zs4bfm@netactive.co.za or by mail to the Bloemfontein RAC, Box 12104, Brandhof, 9324. The closing date for log submissions is 24 August 2010.

Items used with acknowledgement to The ARRL Letter, Amateur Radio Newslines, OPDX Bulletin, 425 DX Bulletin, DXNL Bulletin, ARRL DX News, WIA-News, the RSGB News, Southgate ARC and Pete's DX Newsdesk.

Newsletter editors are most welcome to use material from HF Happenings, just remember to acknowledge the source (which could be any one of the names mentioned above). HF Happenings can be provided in MS Word format.



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